

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits  | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--|------------------|---------|------------------|
| L1    | 11911 | stream adj (processing OR processor)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2010/10/25 18:27 |
| L2    | 3336  | L1 and (radio OR transmitter OR receiver)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2010/10/25 18:27 |
| L3    | 55    | L2 and (test near2 access)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2010/10/25 18:27 |
| L4    | 71    | ("4591980"   "4591981"   "4622632"   "4709327"   "4720780"   "4855903"   "4873626"   "4905145"   "4908751"   "4933836"   "4942517"   "4979096"   "4985832"   "5056000"   "5058001"   "5148547"   "5157785"   "5175865"   "5243699"   "5253308"   "5263096"   "5268973"   "5307506"   "5377333"   "5410727"   "5523769"   "5682520").PN OR ("5801715").URPN. | US-PGPUB; USPAT; USOCR                                   | ADJ              | ON      | 2010/10/25 18:27 |
| L5    | 1979  | (data flow process\$4)  | US-PGPUB; USPAT; USOCR                                   | ADJ              | ON      | 2010/10/25 18:27 |
| L6    | 129   | L5 and (JTAG OR (IEEE adj ("1492" OR "1500")))  | US-PGPUB; USPAT; USOCR                                   | ADJ              | ON      | 2010/10/25 18:27 |
| L7    | 1084  | (data flow (processor OR processing))   | US-PGPUB; USPAT; USOCR                                   | ADJ              | ON      | 2010/10/25 18:27 |
| L8    | 66    | L7 and (JTAG OR (IEEE adj ("1492" OR "1500")))  | US-PGPUB; USPAT; USOCR                                   | ADJ              | ON      | 2010/10/25 18:27 |
| L9    | 63    | L7 and (test access)  | US-PGPUB; USPAT; USOCR                                   | ADJ              | ON      | 2010/10/25 18:27 |
| L10   | 1039  | (data flow (processor OR processing)) NOT (discovision).as.   | US-PGPUB; USPAT; USOCR                                   | ADJ              | ON      | 2010/10/25 18:27 |

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|-----|-----|--|--|-----|----|------------------|
| L11 | 213 | L10 and test and (@prad<="20040219" OR @rlad<="20040219")  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L12 | 445 | L10 and test\$4  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L13 | 213 | L12 and test and (@prad<="20040219" OR @rlad<="20040219")  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L14 | 8   | ("20020026258"   "20030196146"   "5958074"   "6003142"   "6173386"   "6249893"   "6253344"   "6385739").PN. OR ("7353430").URPN. | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L15 | 5   | ("4354225"   "5465368"   "5603012").PN. OR ("6049818").URPN.   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L16 | 5   | ("4254473"   "4881196"   "5226040").PN. OR ("5499347").URPN.   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L17 | 12  | (kuwabara).in. and (sharp.as.) and data flow   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:27 |
| L18 | 28  | (kuwabara).in. and data flow   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:27 |
| L19 | 9   | (data flow (processor OR processing)) same (test\$4) near4 (sequence OR data OR input OR flow OR stream)                         | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L20 | 1   | (data flow (processor OR processing)) same (test\$4) same (multiplex\$4 OR mux OR switch)  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L21 | 205 | (data flow (processor OR processing)) and (test\$4) near4 (sequence OR data OR input OR flow OR stream)                          | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L22 | 142 | L21 and test and (@prad<="20040219" OR @rlad<="20040219")  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |

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|-----|-----|--|---------------------------|-----|----|---------------------|
| L23 | 46  | ({"3239764"   "3746973"   "3761695"   "3781683"   "3781821"   "3783254"   "3789205"   "3803483"   "3806891"   "3810115"   "3815025"   "3961251"   "3961252"   "3961254"   "4006492"   "4051352"   "4051353"   "4055754"   "4063078"   "4063080"   "4071902"   "4074851"   "4140967"   "4220917"   "4225957"   "4244048").PN.<br>OR ("4428060").URPN. | US-PGPUB;<br>USPAT; USOOR | ADJ | ON | 2010/10/25<br>18:27 |
| L24 | 32  | ({"3832535"   "4268902"   "4428060"   "4575674"   "4698588"   "4701921"   "4855669"   "4857834"   "4857835"   "4860290"   "4872169"   "5005173"   "5103450"   "5124636"   "5285153").PN. OR<br>("6101457").URPN.   | US-PGPUB;<br>USPAT; USOOR | ADJ | ON | 2010/10/25<br>18:27 |
| L25 | 71  | ({"4023142"   "4063080"   "4268902"   "4357703"   "4428060"   "4441075"   "4441154"   "4503386"   "4503537"   "4504784"   "4513418"   "4519078"   "4534028"   "4567593"   "4575674"   "4580137"   "4594711"   "4597042"   "4597080"   "4602210"   "4621363"   "4680733"   "4698588"   "4701921"   "4710931"   "4710933").PN.<br>OR ("5032783").URPN. | US-POPUB;<br>USPAT; USOOR | ADJ | ON | 2010/10/25<br>18:27 |
| L26 | 128 | ({"4051353"   "4071902"   "4192451"   "4225957"   "4244048"   "4298980"   "4312066"   "4340857"   "4342084"   "4377757"   "4428060").PN. OR<br>("4503537").URPN.   | US-PGPUB;<br>USPAT; USOOR | ADJ | ON | 2010/10/25<br>18:27 |
| L27 | 52  | ({"3614327"   "3631402"   "3868646"   "3935476"   "4071902"   "4277699"   "4293919"   "4298980"   "4312066"   "4428060"   "4441075").PN. OR<br>("4488259").URPN.   | US-PGPUB;<br>USPAT; USOOR | ADJ | ON | 2010/10/25<br>18:27 |
| L28 | 26  | ({"4180203"   "4602210"   "4710931"   "4799004"   "4821269").PN. OR<br>("5005173").URPN.   | US-PGPUB;<br>USPAT; USOOR | ADJ | ON | 2010/10/25<br>18:27 |

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|-----|-------|--|--|-----|----|------------------|
| L29 | 242   | (test near2 data) near4 (multiplexer OR multiplexed) same (core OR processor OR cell)  | US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:27 |
| L30 | 110   | L29 and test and (@prad<= "20040219" OR @rlad<= "20040219")  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L31 | 110   | L29 and (@prad<= "20040219" OR @rlad<= "20040219")   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/10/25 18:27 |
| L32 | 879   | L3 or L4 or L6 or L8 or L9 or L11 or L13 or L14 or L15 or L16 or L17 or L18 or L19 or L20 or L22 or L23 or L24 or L25 or L26 or L27 or L28 or L30 or L31 | US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:27 |
| L33 | 27    | L32 and @pd> = "20100520"  | US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/10/25 18:28 |
| S3  | 11146 | stream adj (processing OR processor)   | US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 09:51 |
| S4  | 3063  | S3 and (radio OR transmitter OR receiver)  | US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 09:52 |
| S5  | 388   | S4 and (test near2 access OR TAP)  | US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 09:52 |
| S6  | 54    | S4 and (test near2 access)   | US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 09:53 |

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|-----|------|---|------------------------|-----|----|------------------|
| S7  | 32   | ({"4533993"   "4604683"   "5151996"   "5203005"   "5291609"   "5394544"   "5497373"   "5530894"   "5537654"   "5568621"   "5574861"   "5621900"   "5663950"   "5682328"   "5682552"   "5687346"   "5710932"   "5715411"   "5754792"   "5790810"   "5790879"   "5801715"   "5802325"   "5815723"   "5822548"   "5822608"   "5832245"   "5857084"   "5935223"   "6035354").PN. OR ("6789212").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:12 |
| S8  | 70   | ({"4591980"   "4591981"   "4622632"   "4709327"   "4720780"   "4855903"   "4873626"   "4905145"   "4908751"   "4933836"   "4942517"   "4979096"   "4985832"   "5056000"   "5058001"   "5148547"   "5157785"   "5175865"   "5243699"   "5253308"   "5263096"   "5268973"   "5307506"   "5377333"   "5410727"   "5523769"   "5682520").PN. OR ("5801715").URPN.                                     | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:15 |
| S9  | 1889 | (data flow process\$4)  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:21 |
| S10 | 126  | S9 and (JTAG OR (IEEE adj ("1492" OR "1500")))  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:22 |
| S11 | 1038 | (data flow (processor OR processing))   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:26 |
| S12 | 64   | S11 and (JTAG OR (IEEE adj ("1492" OR "1500")))   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:26 |
| S13 | 62   | S11 and (test access)   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:26 |
| S14 | 993  | (data flow (processor OR processing)) NOT (discovision). as.  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:28 |
| S15 | 374  | S14 and test  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:28 |
| S17 | 208  | S14 and test and (@prad<="20040219" OR @rlad<="20040219")   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:32 |
| S18 | 425  | S14 and test\$4   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:32 |
| S19 | 208  | S18 and test and (@prad<="20040219" OR @rlad<="20040219")   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 10:32 |

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| S20 | 8    | ("20020026258"   "20030196146"   "5958074"   "6003142"   "6173386"   "6249893"   "6253344"   "6385739").PN. OR ("7353430").URPN. | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/05/17 10:38 |
| S21 | 4    | ("4354225"   "5465368"   "5603012").PN. OR ("6049818").URPN.   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/05/17 10:42 |
| S22 | 5    | ("4254473"   "4881196"   "5226040").PN. OR ("5499347").URPN.   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/05/17 10:53 |
| S23 | 209  | (kuwabara).in. and (sharp.as.)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 12:43 |
| S24 | 12   | (kuwabara).in. and (sharp.as.) and data flow   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 12:43 |
| S25 | 28   | (kuwabara).in. and data flow   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 12:47 |
| S26 | 10   | "7602214"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 13:17 |
| S27 | 9    | "7602214".pn.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 13:17 |
| S28 | 2    | "5829007".pn.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 13:18 |
| S29 | 1038 | (data flow (processor OR processing)) NOT (discovision). as. same (test\$4) near4 (sequence OR data OR input OR flow OR stream)  | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/05/17 13:44 |

|     |     |  |                        |     |    |                  |
|-----|-----|--|------------------------|-----|----|------------------|
| S30 | 9   | (data flow (processor OR processing)) same (test\$4) near4 (sequence OR data OR input OR flow OR stream)   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 13:45 |
| S31 | 1   | (data flow (processor OR processing)) same (test\$4) same (multiplex\$4 OR mux OR switch)  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 13:47 |
| S32 | 201 | (data flow (processor OR processing)) and (test\$4) near4 (sequence OR data OR input OR flow OR stream)  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 13:47 |
| S33 | 141 | S32 and test and (@prad<="20040219" OR @rlad<="20040219")  | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 13:47 |
| S34 | 46  | ("3239764"   "3746973"   "3761695"   "3781683"   "3781821"   "3783254"   "3789205"   "3803483"   "3806891"   "3810115"   "3815025"   "3961251"   "3961252"   "3961254"   "4006492"   "4051352"   "4051353"   "4055754"   "4063078"   "4063080"   "4071902"   "4074851"   "4140967"   "4220917"   "4225957"   "4244048").PN. OR ("4428060").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 13:49 |
| S35 | 26  | ("3832535"   "4268902"   "4428060"   "4575674"   "4698588"   "4701921"   "4855669"   "4857834"   "4857835"   "4860290"   "4872169"   "5005173"   "5103450"   "5124636"   "5285153").PN. OR ("6101457").URPN.   | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 13:56 |
| S36 | 70  | ("4023142"   "4063080"   "4268902"   "4357703"   "4428060"   "4441075"   "4441154"   "4503386"   "4503537"   "4504784"   "4513418"   "4519078"   "4534028"   "4567593"   "4575674"   "4580137"   "4594711"   "4597042"   "4597080"   "4602210"   "4621363"   "4680733"   "4698588"   "4701921"   "4710931"   "4710933").PN. OR ("5032783").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2010/05/17 14:11 |

|     |      |   |  |     |    |                  |
|-----|------|---|--|-----|----|------------------|
| S37 | 119  | ("4051353"   "4071902"   "4192451"   "4225957"   "4244048"   "4298980"   "4312066"   "4340857"   "4342084"   "4377757"   "4428060").PN OR ("4503537").URPN. | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/05/17 14:13 |
| S38 | 52   | ("3614327"   "3631402"   "3866464"   "3935476"   "4071902"   "4277699"   "4293919"   "4298980"   "4312066"   "4428060"   "4441075").PN OR ("4488259").URPN. | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/05/17 14:16 |
| S39 | 26   | ("4180203"   "4602210"   "4710931"   "4799004"   "4821269").PN OR ("5005173").URPN.   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/05/17 14:23 |
| S40 | 2    | "5499347".pn.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 15:38 |
| S41 | 2331 | (test near4 data) near4 (switch OR multiplexer)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 16:50 |
| S42 | 889  | S41 and test and (@prad<="20040219" OR @rlad<="20040219")   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/05/17 16:51 |
| S43 | 749  | (test near2 data) near4 (multiplexer)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 16:52 |
| S44 | 820  | (test near2 data) near4 (multiplexer OR multiplexed)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 16:52 |
| S45 | 233  | (test near2 data) near4 (multiplexer OR multiplexed) same (core OR processor OR cell)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/05/17 16:52 |
| S46 | 107  | S45 and test and (@prad<="20040219" OR @rlad<="20040219")   | US-PGPUB; USPAT; USOCR                                   | ADJ | ON | 2010/05/17 16:53 |

|     |     |   |                           |     |    |                     |
|-----|-----|---|---------------------------|-----|----|---------------------|
| S47 | 107 | S45 and (@prad<="20040219"<br>OR @rlad<="20040219") | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/05/17<br>16:53 |
| S48 | 1   | "11044444"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/05/18<br>10:34 |
| S49 | 1   | "11482883"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/05/18<br>13:22 |
| S50 | 1   | "20010047499"                                       | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/05/19<br>10:33 |
| S51 | 1   | "10589922"  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2010/05/19<br>13:13 |

10/25/2010 6:29:01 PM

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